

Oak TEC® Sandwich Panels



Saving costs and increasing energy efficiency

Project Brief

Bespoke Oak internal and external doors for large, private new build property

Client

Meer End Stairs

Product Solution

Oak TEC Sandwich Panels

The Project

130 unique, bespoke internal and external doors for a prestigious new build property in Warwickshire.

The house encompasses 29,000sq ft and the owner specified Oak as his preferred material of choice for the doors.

The Challenge

To supply high end, bespoke internal and external doors in Oak that would not move over time, and could meet the demanding new EU U-value regulations for external solid doors.



The Timbet Solution

Available in easily machinable sheets with a cork core, the Oak TEC sandwich panels combine cost efficiency with low wastage, and provide a flawless product with added dimensional stability far greater than that of traditional solid wood. In addition, when used in external solid doors, these TEC panels mean the doors are perfectly able to meet demanding new EU U-value regulations.

The result speaks for itself: 130 internal and external doors, offering strength, beauty and long term durability, finished in Oak to the highest standards, enhancing the appearance of this elite private home.



Oak TEC sandwich panels were the ideal solution, the rigidity and strength of the structure ensure that minimal movement will occur.

We had the capacity within our factory to manufacture all of the units quickly and accurately using our 5-axis machine. All of the panels were made to measure, and as a result less energy is used in the manufacturing process and less product wastage, equating to cost efficiency all round.



Warwick Aldersley, MD: Meer End Stairs

Timbmet Product Range

- ✓ Sawn Hardwoods
- ✓ Clear Softwoods
- ✓ Manufacturing
- ✓ Mouldings
- ✓ TEC®
(Timbmet Engineered Components)
- ✓ Panel Products
- ✓ Hardwood Decking
- ✓ Flooring
- ✓ Doors
- ✓ Worktops



Timbmet Engineered Components

For TEC requirements or specialist project advice call Justin Hayward
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